



Preliminary Amendment

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K. Ward  
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P. R. Smith  
A. Ent.

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

William Duvall

Serial No. 09/235,606

Art Unit:

Filed: January 20, 1999

Examiner:

For: Improved Method Of And System For Portable Cellular Phone Voice Communication And Positional Location Data Communication Using The Cellular Phone Network Control Channel

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Hon. Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Dear Sir:

In reviewing the present application, it was found desirable to claim the method of claim 1 and the apparatus of claim 7 somewhat more specifically in the defining of the separate voice and data radio channels. Please add the following claims which, like the parent claims, are considered definitive of applicant's advance over the prior art:

h14. A method of voice and positional location data radio communication over a cellular phone network having a cellular radio voice channel path communicating with a network operations control center and a data radio channel path separately communicating with said network operations control center, the method comprising user voice-calling the control center, from a portable cellular telephone location over the cellular voice path, requesting location and other information services; upon user verification, sending a radio signal from the control center over the data channel path to be received at said location; providing a radio transponder and GPS receiver and microprocessor module at said location; activating the GPS receiver, in response to receipt of said radio signal, to receive and process location data from the GPS satellite constellation for the vehicle and to activate the transponder to transmit processed location data over the data channel path to said control center; associating the transmitted

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